

### GENERAL NOTES

- Specifications: Latest S.H.A. Specifications and Special Provisions for materials and construction. Latest AASHTO Standard Specifications for Highway Bridges for design.
- Materials: Scuppers shall be grey cast iron, conforming to ASTM A 48 Class 30 B.
- Gratings shall be structural steel conforming to ASTM A 709 Grade 36 and epoxy coated.
- Stainless steel bolts shall conform to ASTM A 193, Identification Symbol B8, Type 304.
- Paint: Scuppers shall be painted with one shop coat inside and outside. Shop paint shall conform to 912.02.01. Insides of scuppers to be painted with one coat of coal tar epoxy SSPC-Paint 16. Vertical showing surface in curb face and horizontal showing surface in roadway to be painted with the second and finish coats specified in 912.16, System E. Outside of scuppers exposed to atmosphere below the concrete deck slab, shall receive the field paint required for structural steel. If there is no paint indicated, the scupper shall be painted to match color of existing beam.
- Shipping: Grate and Scupper shall be shipped as unit with grate hold down bolts in place (not welded).
- Measurement and Payment: The furnishing, fabricating, erecting, etc. of all new scuppers for the bridge will be measured and paid for at the Contract unit price per each for the Scupper item regardless of length of downspouts, etc. If no specific items appear in the Invitation for Bids, the cost shall be included in the pertinent Superstructure Concrete item.

<b>APPROVAL</b>		<b>STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF STRUCTURES</b>	
<i>L.S. Friedman</i> DIRECTOR OFFICE OF STRUCTURES			
DATE: 7/1/83			
<b>REVISIONS</b>			
	<b>SHA</b>	<b>FHWA</b>	<b>TYPE IV BRIDGE SCUPPER</b>
	12-27-93	.	
	1-22-01	.	
	.	.	
<b>FHWA APPROVAL</b>	.	.	<b>STANDARD NO. BR-SS(0.10)-83-148</b>
<b>DATE: 10-6-83</b>	.	.	
			<b>SHEET 1 OF 4</b>